

**● PRINTER RUSH ●**  
(PTO ASSISTANCE)

*IFW*

Application : 01-02047 Examiner : CHANG GAU : 3748  
From : CF Location : (IDC) FMF FDC Date : 8-26-05

Tracking # : 0109212 Week Date : 8-22-05

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449	_____	<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS	_____	<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM	_____	<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW	_____	<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW	_____	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> DRW	<u>11-6-03</u>	
<input type="checkbox"/> OATH	_____	
<input type="checkbox"/> 312	_____	
<input type="checkbox"/> SPEC	_____	

[RUSH] MESSAGE: ATTN: Chief DRAFTSPERSON  
REQUESTING NEW DRAWING SHEETS  
FOR FIGS. 1-18 - HATCHED AREAS  
THANK YOU

[XRUSH] RESPONSE: \_\_\_\_\_  
DRAWINGS CORRECTED  
9-13-2005  
INITIALS: CF

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.  
REV 10/04

FIG. 1

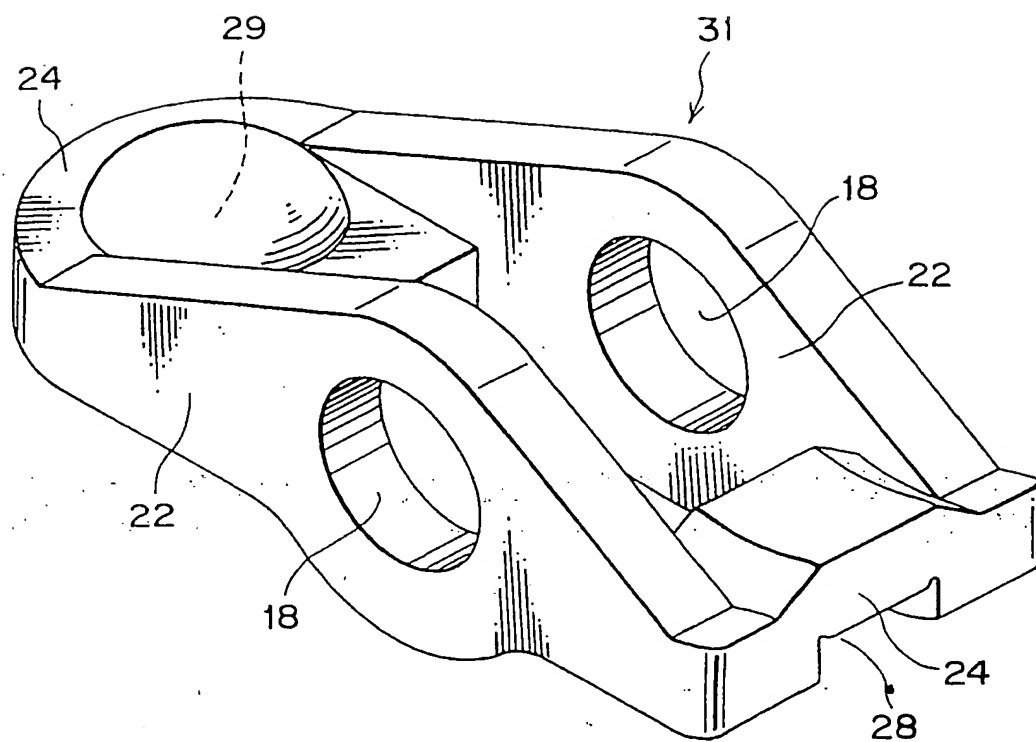


FIG. 2C

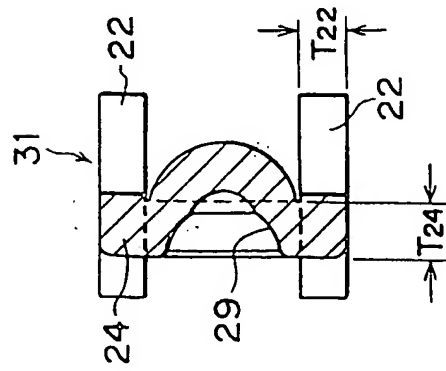


FIG. 2A

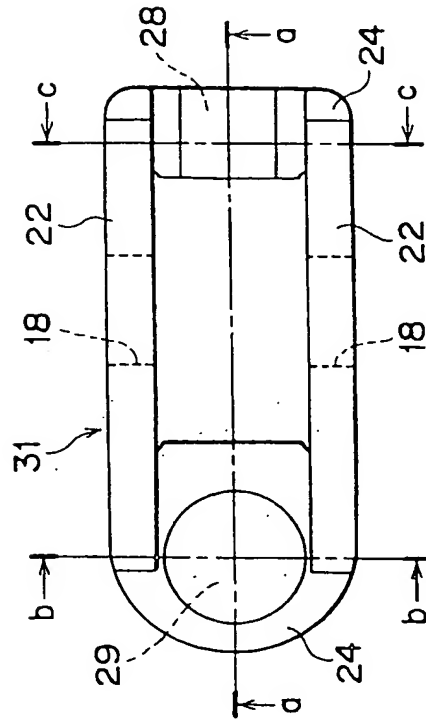


FIG. 2D

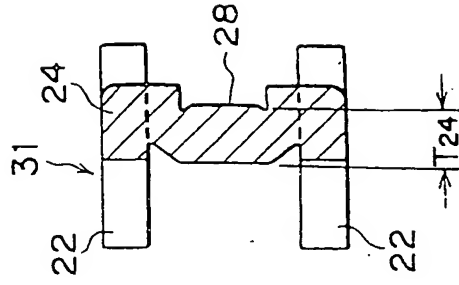


FIG. 2B

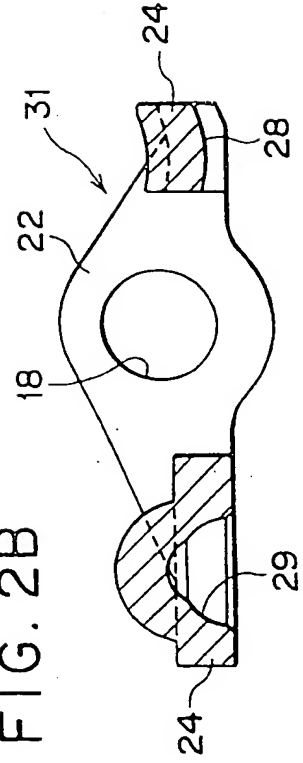


FIG. 3D

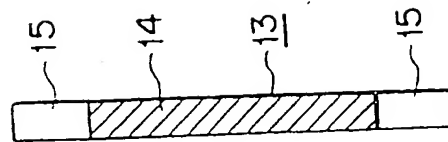


FIG. 3A

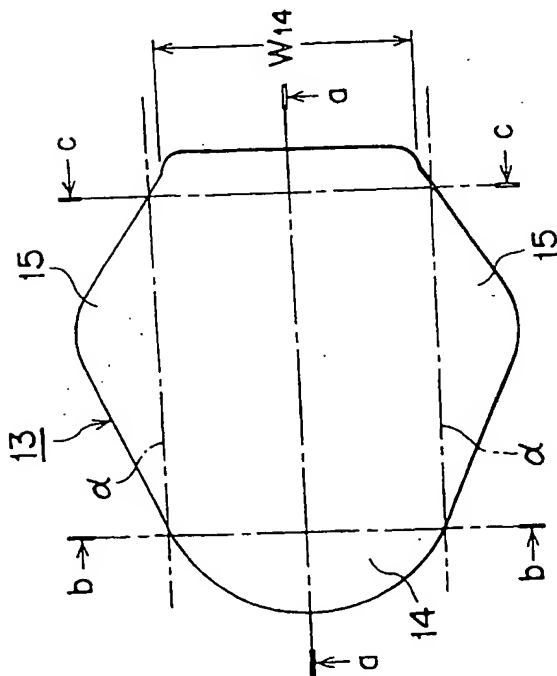


FIG. 3C

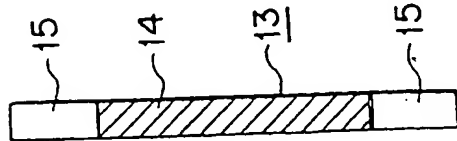


FIG. 3B

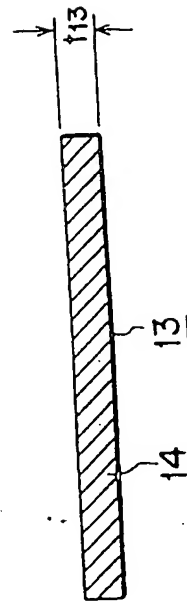


FIG. 4A

FIG. 4B

FIG. 4C

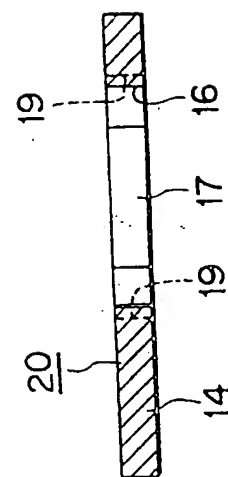
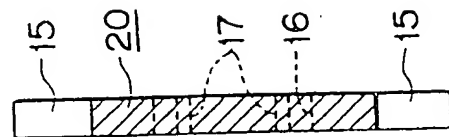
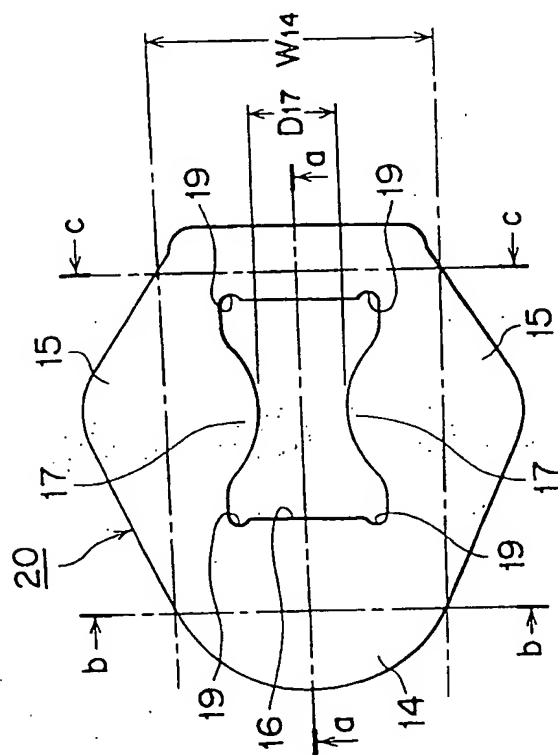


FIG. 4D

FIG. 4E

FIG. 5D

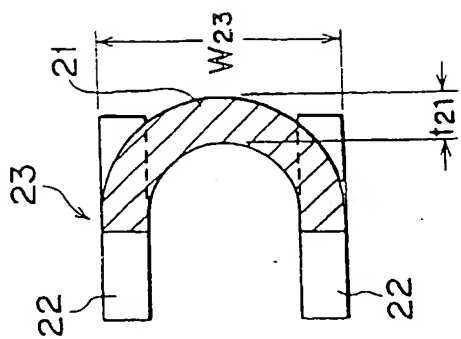


FIG. 5A

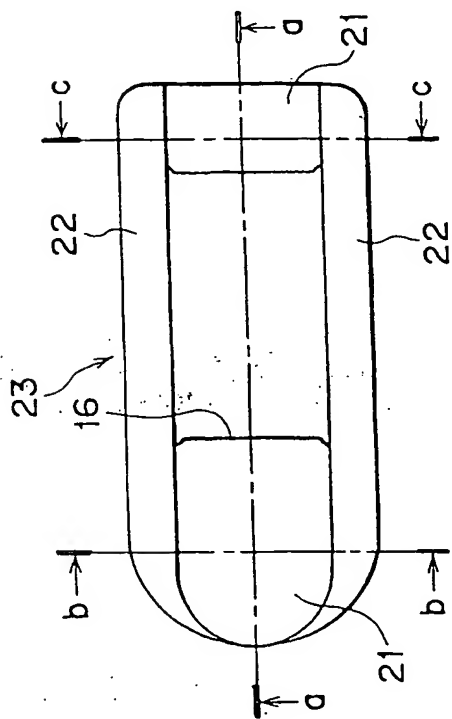


FIG. 5C

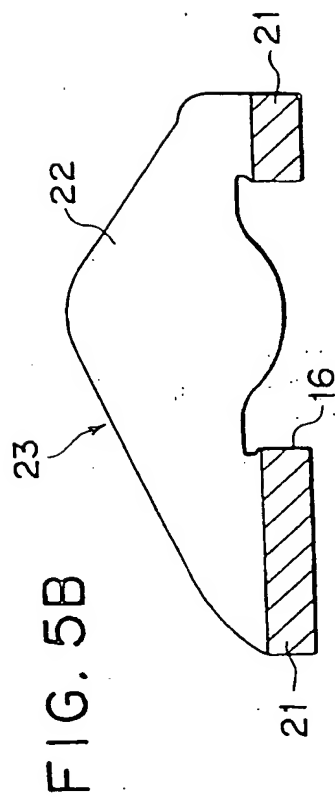
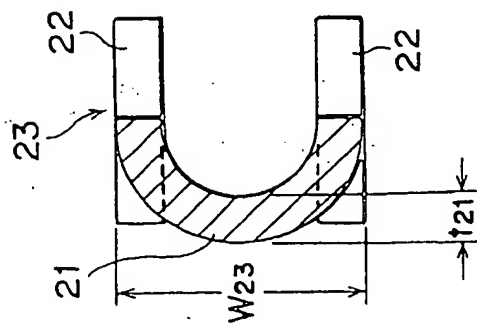


FIG. 5B

FIG. 6D

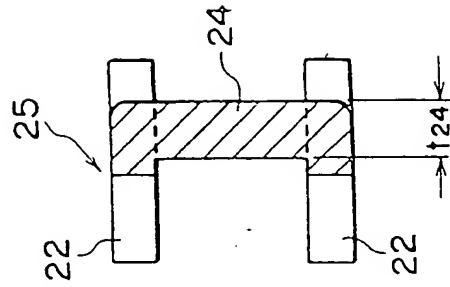


FIG. 6A

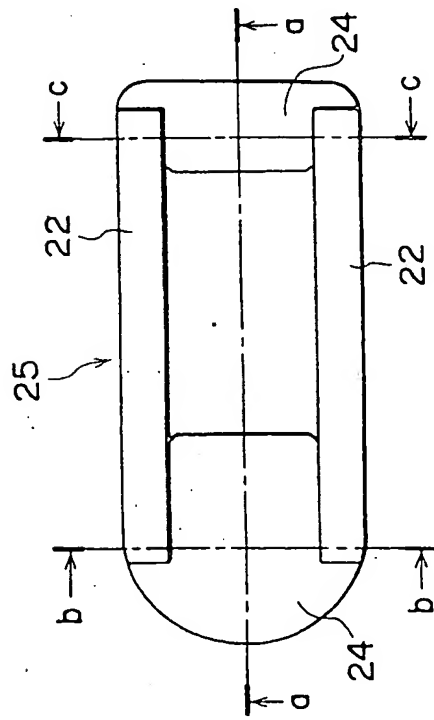


FIG. 6C

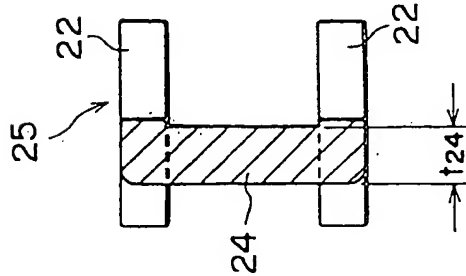


FIG. 6B

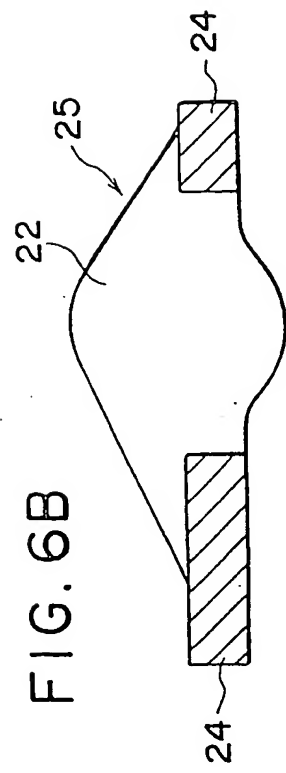


FIG. 7A

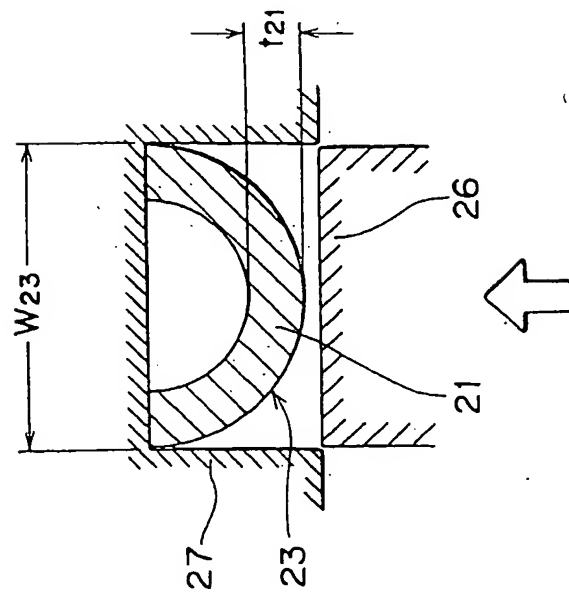


FIG. 7B

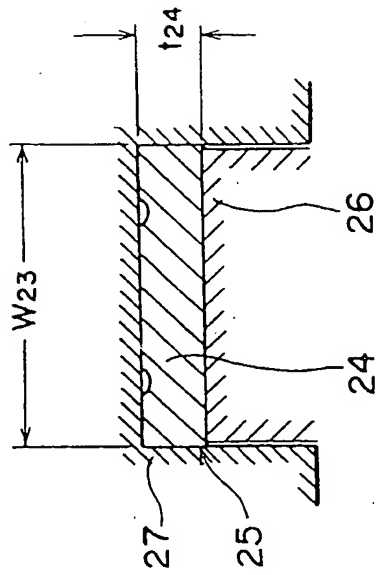




FIG. 8C

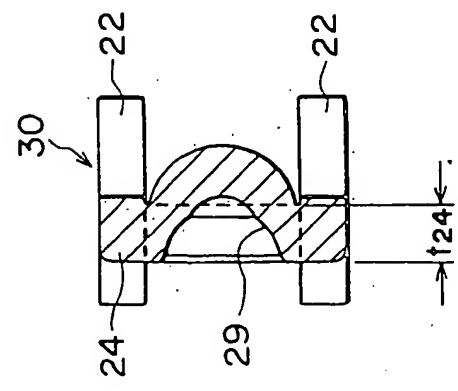


FIG. 8A

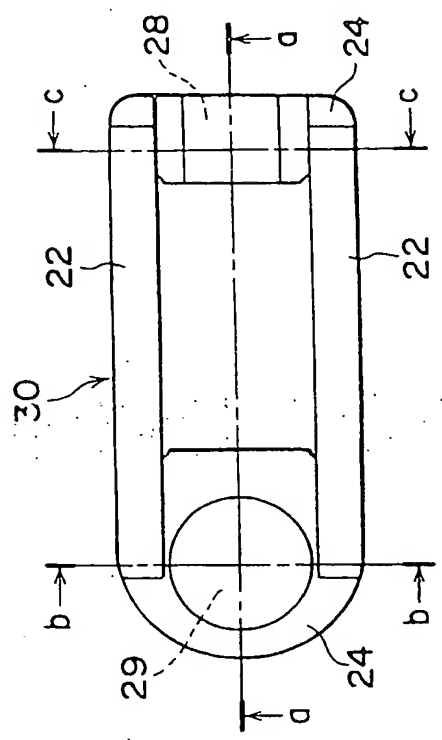


FIG. 8D

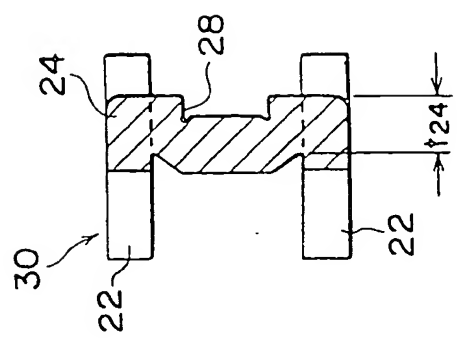


FIG. 8B

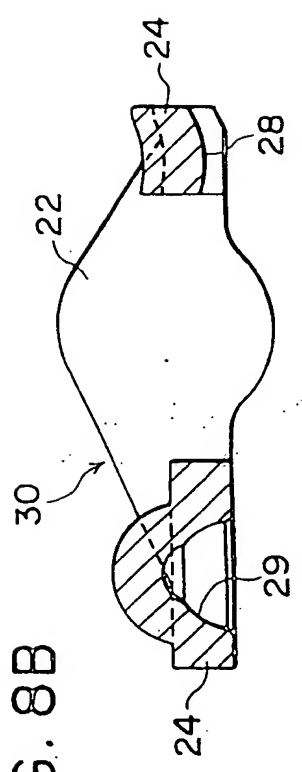


FIG. 9C

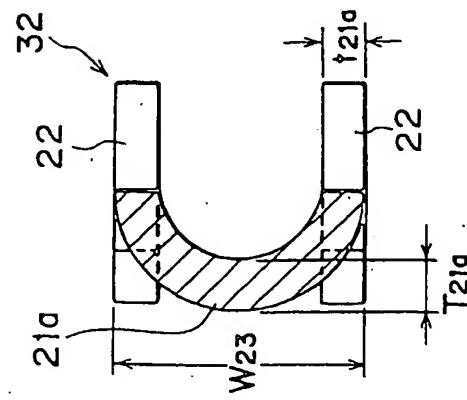


FIG. 9A

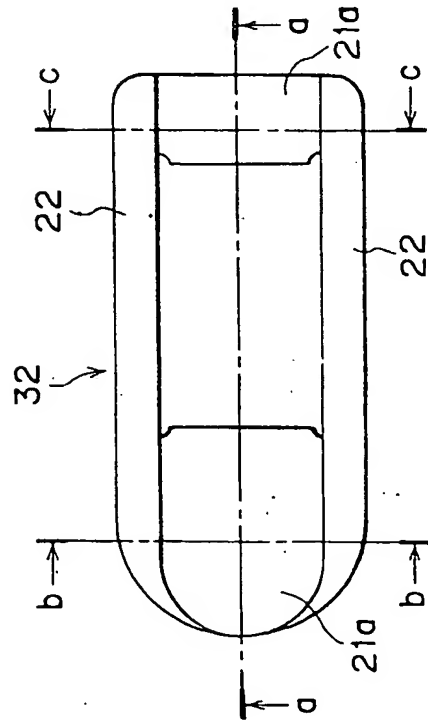


FIG. 9D

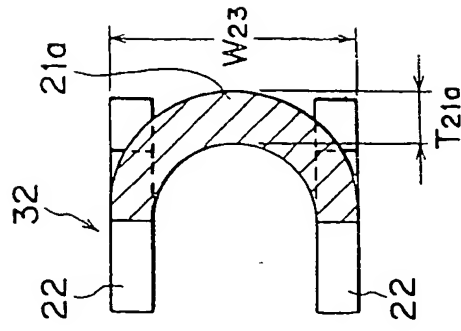


FIG. 9B

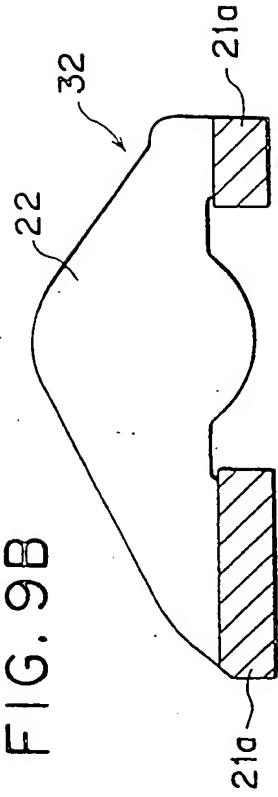




FIG. IIC

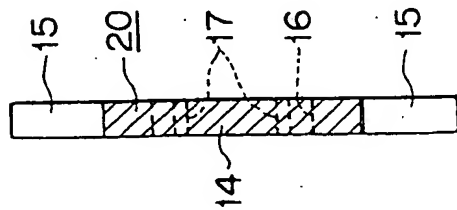


FIG. IIA

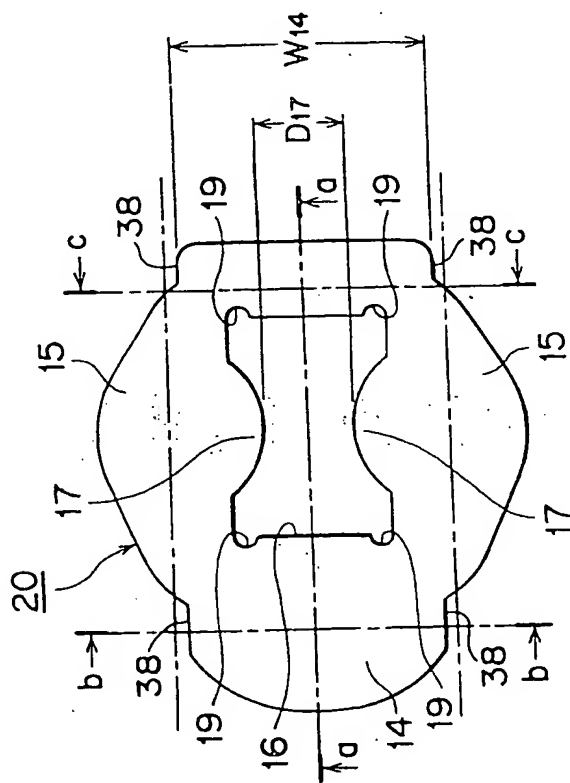


FIG. IIB

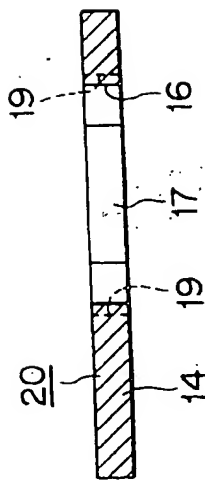


FIG. IID

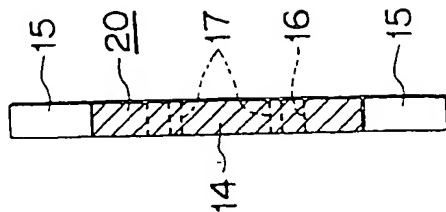


FIG. 12A

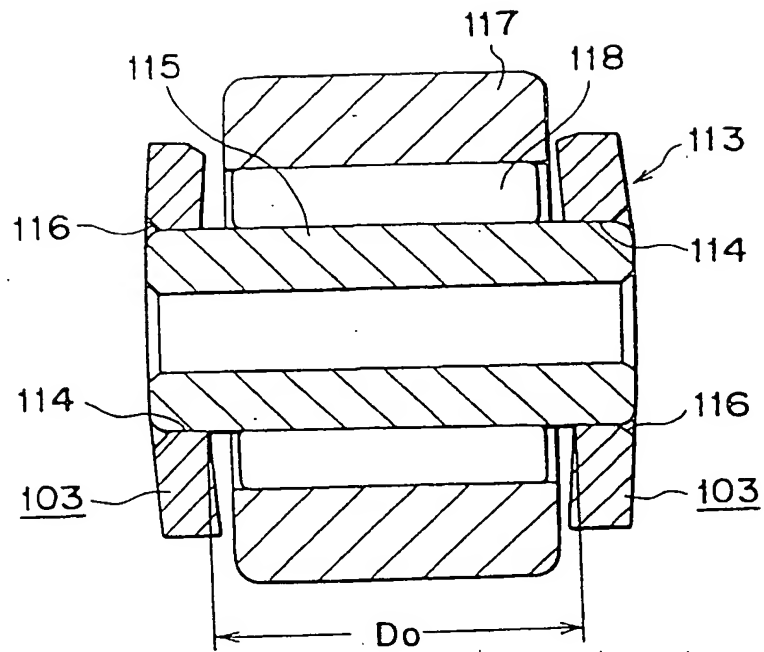


FIG. 12B

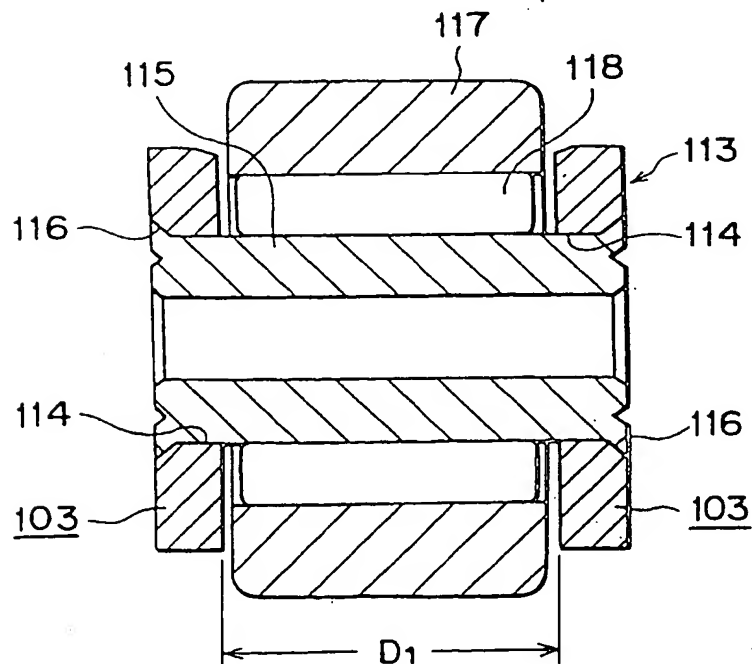


FIG. 13

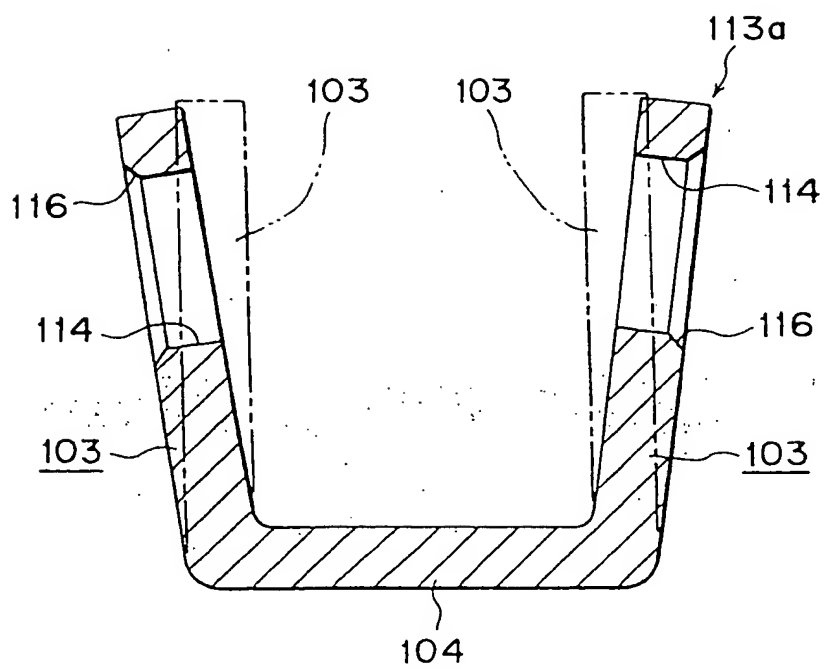


FIG. 14

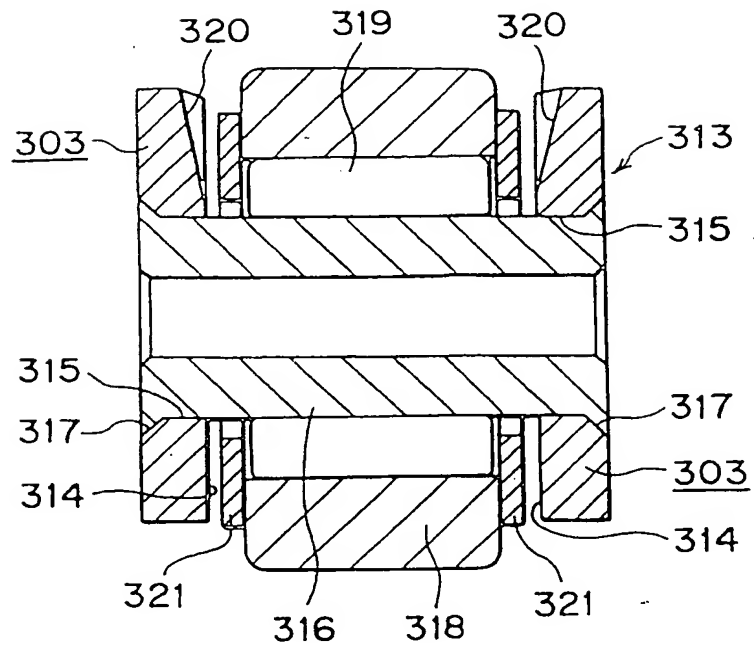
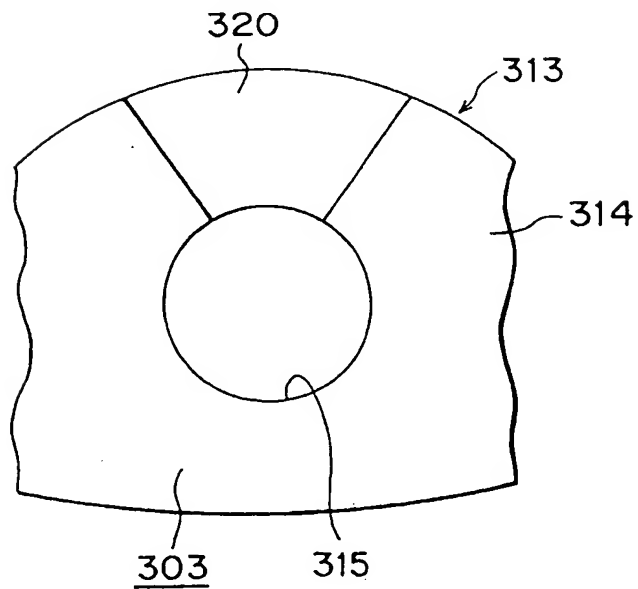


FIG. 15



A cross-sectional view of a magnetic head assembly 303. The assembly includes a substrate 314 with a top layer 315 and a bottom layer 316. A central magnetic layer 317 is positioned between the top and bottom layers. A top pole piece 319 is mounted on the top layer 315, and a bottom pole piece 318 is mounted on the bottom layer 316. The top pole piece 319 is connected to a top lead 322, and the bottom pole piece 318 is connected to a bottom lead 322. The assembly is shown in a cross-section with hatching indicating different materials.

This cross-sectional view shows a multi-layered structure. At the top, a central core (319) is flanked by side components (322). Below this, a thick layer (315) is shown, with a central core (316) and side components (317) below it. The bottom layer (314) also features a central core (316) and side components (321). The entire structure is flanked by outer layers (303) and (313a).



FIG. 18

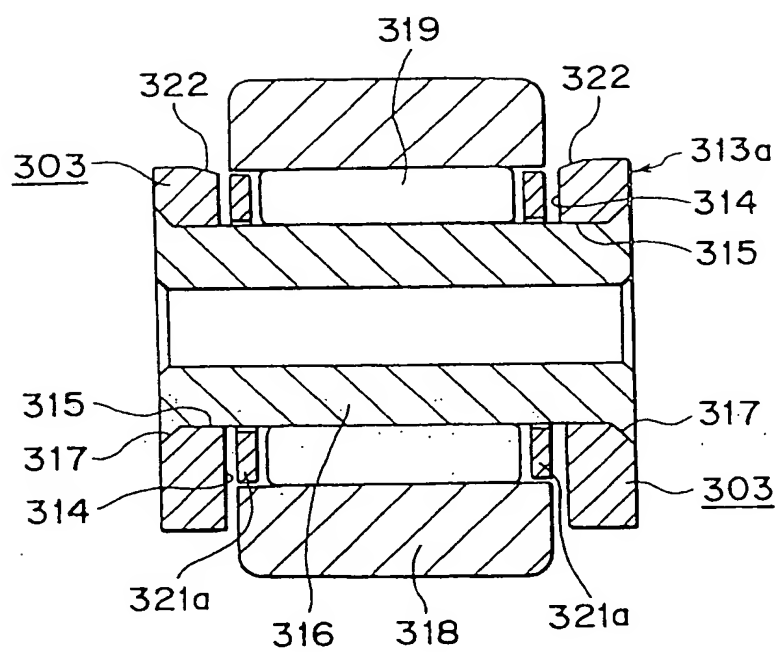


FIG. 19A

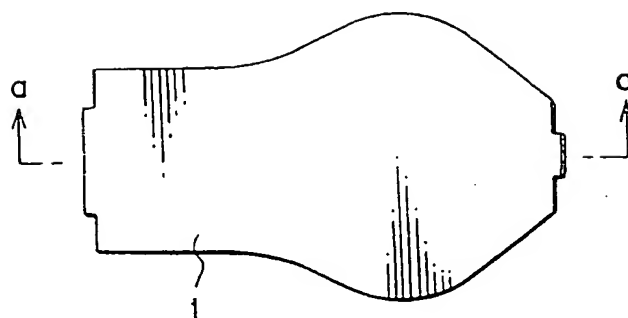


FIG. 19B

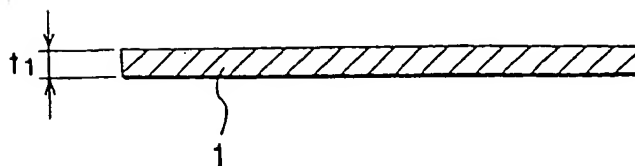


FIG. 20A

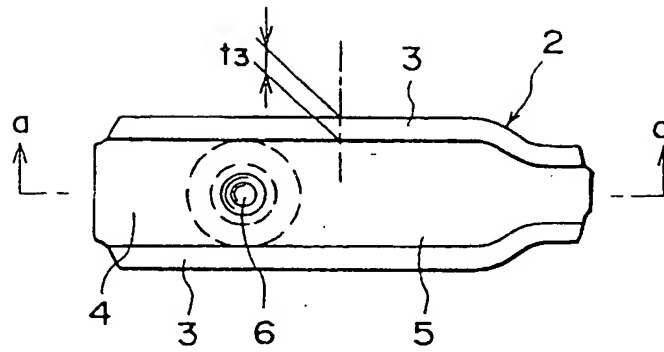


FIG. 20B

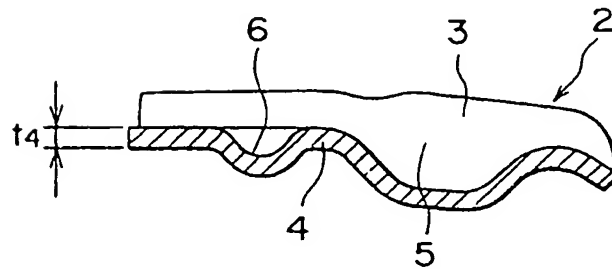


FIG. 21A

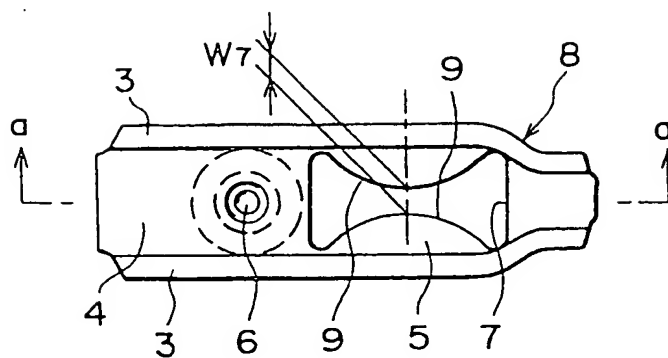


FIG. 21B

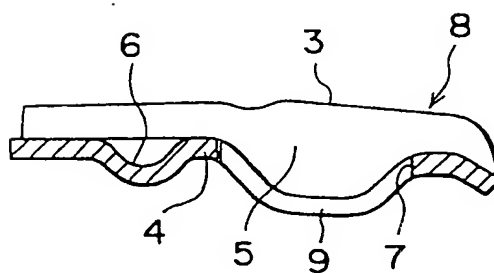


FIG. 22A

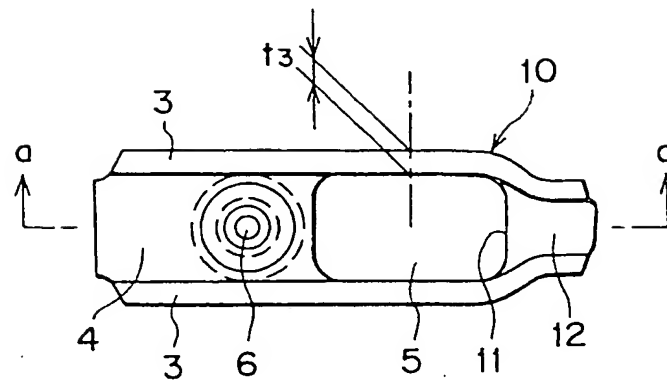


FIG. 22B

